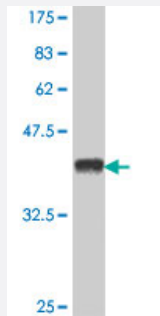


TLR7 polyclonal antibody (A01)

Catalog # H00051284-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 kDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant TLR7.
Immunogen	TLR7 (NP_057646, 27 a.a. ~ 126 a.a) partial recombinant protein with GST tag.
Sequence	ARWFPKTLPCDVTLDPKKNHVMVDCTDKHLTEIPGGIPTNTNLTLTINHIPDISPASFHRLDHLVEID FRCNCVPIPLGSKNNMCIKRLQIKPRSFSGL
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 kDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — TLR7

Entrez GeneID [51284](#)

GeneBank Accession# [NM_016562](#)

Protein Accession# [NP_057646](#)

Gene Name TLR7

Gene Alias -

Gene Description toll-like receptor 7

Omim ID [300365](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This gene is predominantly expressed in lung, placenta, and spleen, and lies in close proximity to another family member, TLR8, on chromosome X. [provided by RefSeq]

Other Designations OTTHUMP00000022919

Pathway

- [Toll-like receptor signaling pathway](#)

Disease

- [Arthritis](#)
- [Asthma](#)

- [Atherosclerosis](#)
- [Bronchiolitis](#)
- [Bronchiolitis Obliterans](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Liver Cirrhosis](#)
- [Lupus Erythematosus](#)
- [Macular Degeneration](#)
- [Melanoma](#)
- [Multiple Sclerosis](#)

- [Musculoskeletal Diseases](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Respiratory Syncytial Virus Infections](#)
- [Skin Diseases](#)
- [Skin Neoplasms](#)
- [Virus Diseases](#)